

CLIMATOLOGICAL DATA FOR MAY, 1911.

DISTRICT No. 3, OHIO VALLEY.

FERDINAND J. WALZ, District Editor.

GENERAL SUMMARY.

Following an unusually wet and cold April, unseasonably warm and dry weather largely prevailed during May, 1911, over the entire Ohio Valley. When the month began a general rainstorm was in progress, which, passing over during the 1st, was succeeded by nearly a week of unusually cold weather, during which freezing temperatures and frost occurred more or less generally every night, and snow fell in Ohio, Pennsylvania, and West Virginia on the 2d and 3d. The cold weather terminated near the close of the first decade and very warm weather quickly set in, the average daily temperature of the period 9th-12th being 20° to 30° higher than that of the period 2d-6th. Intense midsummer heat was experienced almost daily during the last half of the month, and as a whole it averaged among the warmest Mays on record in all sections, and the warmest in several. The skies were remarkably clear during nearly all of the month; there were only a few general rains, and sufficient rainfall, even locally, was rare. Much suffering and many prostrations and deaths resulted from the intense heat, while the heat, combined with lack of moisture, caused serious damage to all vegetation.

Thunderstorms, despite the small amount of precipitation, were decidedly frequent, and there were many reports of local damage from lightning and accompanying wind squalls, although most of the storms were attended by only light showers of rain. There were a few instances of minor damage by hail.

TEMPERATURE.

The average temperature of the month was above normal at all stations in the district, and much above in most of the sections. The excess averaged from +2° to +8°, and, as a rule, the departure was greater in the central and more northerly than in the more southerly sections.

When the month opened rather high temperature obtained over the greater portion of the district. But a cool wave which was advancing from the Northwest made itself felt in the western section during the first day, and had spread over all the district by the morning of the 2d. This cool wave, which was unusually severe for the season, lasted for nearly a week and during its prevalence freezing temperatures and frost occurred in all parts of the district except in the extreme southern portion. The following unusually low temperatures for May were registered in the various States included in the district: Pennsylvania, 21°; West Virginia, 22°; Ohio, 25°; Indiana, 27°; Illinois, 30°; Kentucky, 29°; Tennessee, 29°; North Carolina, 26°; and southwestern Virginia 23°, while at Deer Park, Md., a minimum temperature of 19° was reached on the morning of 5th. No material damage resulted from the frost and cool weather due to

the fact that vegetation generally had been much retarded by the cool weather in April.

About the 9th there was a quick reaction and unseasonably cool was succeeded by unseasonably warm weather, which continued during the rest of the month. From the 15th to practically the end of the month there persisted one of the most remarkable periods of continuously hot weather on record for May. Day after day the temperature rose well into the 90's at nearly all stations, and on several days it was 100° and over at several of the stations, while the average daily temperatures ranged from 4° to 18° above the seasonal normal. The highest temperatures registered in the various States included in the district during the month were as follows: Claysville, Pa., 99°; Wheeling, W. Va., 100°; Marion and Urbana, Ohio, 101°; Blacksburg, Va., 91°; Marshall, N. C., 95°; Riverton, Ala., 101°; Pope, Tenn., 101°; Earlinton, Ky., 105°; Rome, Ind., 103°; and Golconda, Ill., 101°. These records have been rarely if ever exceeded in these States in the month of May. There was a range of temperature in the district during the month of 86°, from 19° at Deer Park, Md., on the 5th, to 105° at Earlinton, Ky., on the 28th, which has never been exceeded, as far as records show, in the Ohio Valley in the month of May.

PRECIPITATION.

The month opened with a general rainstorm in progress over the district and bountiful precipitation was received generally, except that the amount was light in the more southerly portions of the district. Following this general rainstorm, rain was very scarce for a period of nearly three weeks, or until the 20th, during which time there were only a few scattered showers, mostly light. In the period 20th-23d some good rains occurred, but following these the weather was again dry until the 31st, when a general rainstorm was attended by moderate amounts of precipitation over Kentucky, Indiana, Ohio, and the eastern portions of the district, and light precipitation occurred in Illinois and over the southern portions of the district.

Precipitation for the month was much below normal in nearly all sections of the Ohio Valley. In fact, there were only 10 stations in the whole district where the monthly amounts equaled those which usually occur in May. The greatest monthly amount at any station was 5.50 inches at Owensboro, Ky.; but at several stations in the central and eastern portions of the same State the monthly amounts were considerably less than 1 inch. The monthly amounts received in the various parts of the district were from 3 to 5 inches over limited areas in southeastern Indiana, west central and southern Kentucky, and west central Tennessee, and less than 3 inches over practically all the rest of the district. At a large number of stations the amounts were less than 2 inches and at quite a few less than 1 inch. In consequence of

this very light rainfall during an important growing season of the year, there was general suffering from lack of moisture, which had become pronounced as early as the 15th and by the end of the month drought had become serious. The ground was dry and hard, vegetation was parched, and crops that had been planted were mostly famishing for want of water. Streams and water sources were unusually low and even stock water was getting scarce.

MISCELLANEOUS.

Considering the small number of days with rain, thunderstorms were unusually frequent. Quite a number of these storms were attended by damaging lightning and wind squalls in Kentucky, Indiana, Ohio, Pennsylvania, and West Virginia. Numerous instances of death from lightning were reported from various localities in these States. The most important of these storms were as follows:

May 1.—Local storms, with tornadic characteristics, did a great deal of damage at Uniontown, Smithfield, and in Somerset County, Pa., and in Allegany and Cattaraugus County, N. Y. One man was killed at Maplehurst, near Cuba, N. Y. Many houses and barns were injured or destroyed in the counties visited by these storms and many head of cattle and other stock were killed.

May 10.—There was considerable damage by thunderstorms in the lower Allegheny Valley, Pa. One boy was killed and another injured by lightning while standing under a tree near New Kensington, Pa. At Greensburg,

Pa., a semipanic was caused when a severe electric storm and wind squall swept over that town during the afternoon performance of the Barnum & Bailey circus, blowing down portions of the tents and sections of seats.

May 11.—Young lambs, pigs, and goats were killed and plant beds and wheat injured by mammoth hailstones at Smith Grove, Ky. A man and colt were killed and a house damaged by lightning in Delaware County, Ohio.

May 20, 21, and 22.—Numerous instances of local damage from lightning in Kentucky, Ohio, and Indiana were reported in the newspapers. One man and six Jersey cows were killed by the same bolt of lightning in Oldham County, Ky.

May 30.—In Indiana, three persons were killed, one at Madison, one near Columbus, and one near Fortville, beside a number of others were shocked by lightning attending thunderstorms in various places on the night of the 30th.

May 31.—Thunderstorms were destructive in many localities in Pennsylvania, Ohio, West Virginia, Kentucky, and Indiana. Two persons were killed, many injured, and much property was damaged in and about Pittsburgh, Pa., by a wind squall which reached a velocity of 64 miles per hour in that city. A storm was also destructive in McKean County, Pa. A young woman was killed by lightning at Cameron, W. Va., and several persons were reported killed at places in Ohio. A man was killed at Nicholasville, Ky., and 25 head of sheep on a farm near Millersburg, Ky. A large barn, with contents, was struck by lightning and burned near Petersburg, Ind.

TABLE 1.—Climatological data for May, 1911. District No. 3, Ohio Valley.

| Stations. | Counties. | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing wind direction. | Observers. | | | |
|----------------------------|-------------------|------------------|--------------------------|-------------------------------------|----------------------------|----------|-----------------|---------|-------|---------------------------|--------|----------------------------|-----------------------|-------------------------|--|-------------------------------|----------------------------|------------|---------------------|-----------------------|-----------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, summed. | Number of rainy days, 0.01 inch or more. | Number of partly cloudy days. | Number of cloudy days. | | | | |
| <i>New York.</i> | | | | | | | | | | | | | | | | | | | | | |
| Allegany..... | Cattaraugus..... | 1,441 | 5 | 60.2 | - | 92 | 28 | 22 | 47 | 48 | 3.00 | - | 0.65 | 0.7 | 12 | 20 | 7 | nw. | Charles E. Whitney. | | |
| Bolivar..... | Allegany..... | 1,800 | 17 | 62.0 | + 6.4 | 95 | 22 | 20 | 47 | 50 | 4.23 | + 0.21 | 1.43 | T. | 11 | 11 | 14 | sw. | B. O. Newton. | | |
| Olean..... | Cattaraugus..... | | 3 | | | | | | | | 2.46 | | 0.80 | 0 | 8 | 20 | 7 | w. | John W. Alles. | | |
| <i>Pennsylvania.</i> | | | | | | | | | | | | | | | | | | | | | |
| Aleppo..... | Green..... | 1,136 | 10 | 65.5 | + 4.5 | 94 | 28 ^t | 28 | 5 | 48 | 1.83 | - 1.99 | 0.79 | 0 | 3 | 22 | 8 | sw. | J. S. Hinerman. | | |
| Baldwin..... | Butler..... | 1,404 | 5 | 64.6 | - | 92 | 28 | 27 | 4 | 43 | 1.08 | - | 0.48 | 0 | 7 | 14 | 10 | w. | S. H. Templeton. | | |
| Beaver Dam..... | Beaver..... | 674 | 17 | | | | | | | | 0.60 | - | 2.50 | 0.26 | 0 | 7 | 15 | 7 | sw. | R. C. McCullough. | |
| Brookville..... | Jefferson..... | 1,173 | 0 | 64.2 | - | 98 | 29 | 27 | 4 | 53 | 0.77 | - | 0.38 | 0 | 8 | | | w. | H. C. Bartholomew. | | |
| Clarion..... | Clarion..... | 1,078 | 26 | | | | | | | | 0.89 | - | 3.44 | 0.52 | 0 | 5 | 18 | 4 | w. | J. A. Miller. | |
| Claysville..... | Washington..... | 1,127 | 7 | 66.9 | - | 99 | 19 | 28 | 5 | 48 | 2.40 | - | 0.95 | T. | 6 | 17 | 11 | 3 | E. T. Buchanan. | | |
| Confluence..... | Somerset..... | 1,353 | 27 | | | | | | | | 1.17 | - | 2.97 | 0.35 | 0 | 5 | 16 | 7 | w. | Grant Pyle. | |
| Franklin..... | Venango..... | 955 | 37 | 62.8 | + 4.4 | 97 | 29 | 25 | 5 | 40 | 1.32 | - | 2.03 | 0.45 | T. | 8 | 18 | 8 | w. | F. E. Dixon. | |
| Freeport..... | Armstrong..... | 772 | 38 | | | | | | | | 0.61 | - | 3.34 | 0.18 | 0 | 7 | 17 | 5 | se. | Mrs. Anna R. Burtner. | |
| Greensboro..... | Green..... | 768 | 22 | | | | | | | | 0.96 | - | 3.26 | 0.32 | 0 | 4 | 14 | 11 | 6 | James Kramer. | |
| Greenville..... | Mercer..... | 950 | 15 | 63.5 | + 5.8 | 95 | 28 | 23 | 5 | 45 | 2.00 | - | 1.39 | 0.45 | T. | 9 | 23 | 5 | nw. | A. M. Orr. | |
| Indiana..... | Indiana..... | 1,350 | 14 | 66.6 | + 6.9 | 98 | 28 | 26 | 5 | 43 | 0.55 | - | 3.85 | 0.35 | 0 | 2 | 18 | 10 | 3 | R. W. Wehrle. | |
| Johnstown..... | Cambria..... | 1,184 | 23 | 67.3 | + 6.0 | 97 | 28 ^t | 29 | 5 | 45 | 4.22 | - | 0.11 | 2.85 | T. | 10 | 15 | 1 | s. | E. C. Lorentz. | |
| Lock No. 4..... | Washington..... | 718 | 25 | | | | | | | | 1.93 | - | 1.92 | 0.86 | 0 | 4 | 14 | 14 | 3 | R. T. McGowan. | |
| Lycippus..... | Westmoreland..... | 1,420 | 19 | | | | | | | | 2.50 | - | 0.45 | 0 | 6 | | | | Murray Forbes. | | |
| Pittsburg..... | Allegheny..... | 842 | 41 | 68.0 | + 5.4 | 98 | 22 | 34 | 3 | 35 | 0.42 | - | 2.88 | 0.28 | T. | 3 | 16 | 12 | 3 | U. S. Weather Bureau. | |
| Saegerstown..... | Crawford..... | 1,116 | 20 | 61.7 | + 4.7 | 93 | 28 | 21 | 5 | 47 | 2.88 | - | 1.87 | 0.55 | T. | 16 | 13 | 14 | 4 | J. G. Apple. | |
| Skidmore..... | Lawrence..... | 1,000 | 7 | 63.4 | - | 98 | 28 | 25 | 5 | 45 | 1.00 | - | 0.65 | 0 | 2 | 29 | 1 | 1 | W. H. Stoner. | | |
| Somers..... | Somerset..... | 2,250 | 55 | 63.3 | + 6.3 | 93 | 22 | 25 | 5 | 43 | 3.86 | - | 1.51 | 0.86 | 0 | 7 | 6 | 19 | 6 | W. M. Schrock. | |
| Unontown..... | Fayette..... | 999 | 23 | 66.0 | + 4.3 | 95 | 19 | 30 | 5 | 41 | 1.81 | - | 2.58 | 1.04 | T. | 4 | 17 | 8 | 6 | Wm. Hunt. | |
| Warren..... | Warren..... | 1,137 | 22 | 60.8 | + 4.1 | 92 | 28 ^t | 24 | 3 | 41 | 2.23 | - | 2.56 | 1.30 | 1.8 | 8 | 22 | 9 | 0 | Anna Simpson. | |
| <i>Maryland.</i> | | | | | | | | | | | | | | | | | | | | | |
| Deer Park..... | Garrett..... | | 17 | 60.0 | + 3.4 | 90 | 11 ^t | 19 | 5 | 56 | 1.09 | - | 3.54 | 0.53 | 1.2 | 4 | | | S. P. Specht. | | |
| Grantsville..... | do..... | | 17 | 61.6 | + 4.3 | 88 | 21 ^t | 26 | 5 | 39 | 0.98 | - | 3.14 | 0.50 | 0 | 5 | | | J. S. Miller. | | |
| Oakland..... | do..... | | 11 | 59.7 | + 4.3 | 89 | 21 ^t | 21 | 5 | 45 | 2.09 | - | 0.76 | T. | 10 | 19 | 10 | 2 | w. | R. E. Weber. | |
| <i>West Virginia.</i> | | | | | | | | | | | | | | | | | | | | | |
| Bancroft..... | Putnam..... | 574 | 10 | 68.3 | - | 95 | 21 | 32 | 3 | 41 | 1.39 | - | 2.71 | 1.00 | 0 | 5 | 24 | 3 | 4 | nw. | James Hill. |
| Beckley..... | Raleigh..... | 2,440 | 12 | 62.4 | + 3.0 | 88 | 19 | 29 | 3 | 42 | 1.70 | - | 1.11 | 1.00 | 0 | 3 | 23 | 1 | 7 | w. | John A. Ewart. |
| Bens Run..... | Pleasants..... | 622 | 10 | 68.9 | + 5.9 | 98 | 20 | 34 | 4 | 47 | 1.38 | - | 3.93 | 0.78 | 0 | 3 | 27 | 2 | 2 | | J. D. Riggs. |
| Bluefield..... | Mingo..... | 2,583 | 17 | 66.2 | + 4.1 | 89 | 19 | 30 | 2 | 44 | 0.81 | - | 3.61 | 0.55 | 0 | 5 | 22 | 7 | 2 | | Norfolk & Western Ry. |
| Buchannon..... | Upshur..... | 1,473 | 20 | 64.0 | + 1.7 | 92 | 19 ^t | 28 | 3 | 41 | 1.47 | - | 2.99 | 0.82 | 0 | 7 | 21 | 7 | 3 | | H. A. Darnall. |
| Cairo..... | Ritchie..... | 687 | 10 | 66.5 | + 2.5 | 97 | 20 ^t | 28 | 3 | 44 | 1.04 | - | 2.63 | 0.40 | 0 | 4 | 9 | 21 | 1 | | Van A. Zevely. |
| Central Station..... | Doddridge..... | 900 | 11 | 64.2 | + 2.5 | 94 | 19 ^t | 24 | 5 | 48 | 1.64 | - | 2.13 | 0.85 | 0 | 4 | 17 | 10 | 4 | | G. W. Sherwood. |
| Charleston..... | Kanawha..... | 598 | 24 | 70.1 | - | 94 | 19 ^t | 34 | 3 | 46 | 1.05 | - | 3.06 | 0.45 | 0 | 3 | 24 | 5 | 2 | | R. C. Hewes. |
| Creston..... | Wirt..... | 612 | 11 | 68.0 | + 5.2 | 98 | 19 ^t | 29 | 3 | 46 | 0.88 | - | 2.86 | 0.45 | 0 | 3 | 18 | 9 | 4 | | J. M. Reed. |
| Cuba..... | Jackson..... | 544 | 10 | 60.1 | + 3.1 | 94 | 19 ^t | 28 | 3 | 44 | 1.18 | - | 2.38 | 0.48 | 0 | 6 | 16 | 13 | 3 | | C. T. Perry. |
| Elkhorn..... | McDowell..... | 1,933 | 19 | 65.4 | + 2.8 | 91 | 19 ^t | 33 | 3 | 38 | 1.50 | - | 2.94 | 1.25 | 0 | 2 | 16 | 14 | 1 | | J. J. Lincoln. |
| Elkins..... | Rainbow..... | 1,940 | 13 | 63.0 | + 3.9 | 92 | 21 | 28 | 5 | 39 | 2.23 | - | 1.75 | 0.87 | T. | 9 | 16 | 8 | 7 | | U. S. Weather Bureau. |
| Fairmont..... | Marietta..... | 879 | 18 | 67.7 | - | 100 | 20 | 29 | 3 | 47 | 1.28 | - | 2.81 | 0.53 | 0 | 6 | | | | H. Glenn Fleming. | |
| Glenville..... | Gilmer..... | 738 | 22 | 68.2 | + 5.2 | 99 | 20 | 29 | 3 | 46 | 0.75 | - | 3.46 | 0.26 | 0 | 3 | 9 | 10 | 12 | | John Holt. |
| Grafton..... | Taylor..... | 985 | 18 | 66.2 | + 4.5 | 98 | 21 | 28 | 5 | 48 | 1.47 | - | 2.92 | 0.54 | 0 | 5 | 23 | 6 | 2 | | John W. Snider. |
| Green Sulphur Springs..... | Summers..... | 1,600 | 16 | 64.6 | + 3.1 | 92 | 19 | 27 | 3 | 43 | 1.51 | - | 2.14 | 0.45 | 0 | 3 | 11 | 17 | 3 | | Arthur George. |
| Hinton..... | do..... | 1,400 | 21 | 66.8 | + 2.7 | 95 | 19 | 30 | 3 | 47 | 1.28 | - | 2.75 | 0.68 | 0 | 5 | 25 | 1 | 5 | | L. H. Hutchinson. |
| Huntington..... | Cabell..... | 510 | 17 | 69.0 | + 4.4 | 93 | 19 ^t | 36 | 5 | 36 | 0.90 | - | 3.11 | 0.42 | 0 | 5 | 25 | 0 | 6 | | Geo. T. Argabrite. |
| Lewisburg..... | Greenbrier..... | 2,200 | 11 | 63.4 | + 2.8 | 90 | 19 ^t | 27 | 3 | 39 | 0.86 | - | 2.66 | 0.53 | 0 | 7 | 28 | 3 | 0 | | H. C. Ragland. |
| Logan..... | Logan..... | 665 | 19 | | | | | | | | 2.28 | - | 3.84 | 0.53 | 0 | 6 | | | | Allen Smith. | |
| Lost Creek..... | Harrison..... | 1,033 | 15 | 64.0 | + 3.1 | 95 | 20 | 24 | 5 | 47 | 0.40 | - | 4.26 | 0.22 | 0 | 5 | 25 | 2 | 4 | | S. E. Bradley. |
| Madison..... | Boone..... | 704 | 8 | | | | | | | | 0.75 | - | 3.46 | 0.26 | 0 | 3 | | | | Jas. A. Morgan. | |
| Mannington..... | Marion..... | 967 | 10 | 64.4 | - | 93 | 19 ^t | 29 | 3 | 44 | 1.69 | - | 2.84 | 0.81 | 0 | 5 | 23 | 8 | 0 | | C. J. McCarty. |
| Marlington..... | Pocahontas..... | 2,109 | 17 | 61.2 | + 1.8 | 91 | 29 | 32 | 3 | 50 | 1.35 | - | 1.85 | 0.57 | 0 | 7 | 21 | 9 | 1 | | Horace Atwood. |
| Morgantown..... | Monongalia..... | 1,250 | 36 | 68.2 | + 6.1 | 93 | 19 | 32 | 5 | 40 | 1.79 | - | 1.93 | 0.55 | 0 | 6 | 21 | 5 | 5 | | M. L. Brown. |
| Moundsville..... | Marshall..... | 640 | 10 | 67.6 | + 4.5 | 97 | 20 ^t | 31 | 5 | 46 | 1.22 | - | 2.93 | 0.50 | 0 | 3 | 20 | 5 | 6 | | Frank S. Evans. |
| New Cumberland..... | Hancock..... | 987 | 14 | 66.0 | + 5.6 | 97 | 28 | 28 | 5 | 47 | 0.87 | - | 2.58 | 0.50 | 0 | 3 | 24 | 4 | 3 | | Wm. Ankron. |
| New Martinsville..... | Wetzel..... | 634 | 18 | 68.0 | + 4.6 | 98 | 28 | 32 | 4 | 49 | 1.56 | - | 2.18 | 0.77 | 0 | 4 | 24 | 4 | 3 | | Miss Donna Tully. |
| Nuttallburg..... | Fayette..... | 2,252 | 18 | 67.0 | + 5.1 | 92 | 21 | 22 | 4 | 46 | 1.90 | - | 1.67 | 1.20 | 0 | 3 | 21 | 3 | 3 | | U. S. Weather Bureau. |
| Parkersburg..... | Wood..... | 638 | 23 | 69.1 | + 5.9 | 94 | 19 | 35 | 4 | 34 | 1.77 | - | 1.69 | 0.53 | 0 | 6 | 21 | 6 | 4 | | J. W. Swisher. |
| Parsons..... | Tucker..... | 1,662 | 12 | 63.2 | + 4.1 | 94 | 21 ^t | 25 | 5 | 46 | 2.60 | - | 1.45 | 0.85 | 0 | 4 | 16 | 10 | 5 | | J. D. Dadisman. |
| Philippi..... | Barbour..... | 1,192 | 18 | 65.6 | + 4.1 | 98 | 18 ^t | 27 | 5 | 48 | 1.13 | - | 3.24 | 0.41 | 0 | 3 | 16 | 14 | 1 | | Dr. J. L. Cunningham. |
| Pickens..... | Randolph..... | 2,735 | 20 | 63.3 | + 4.5 | 94 | 21 | 26 | 3 | 38 | 0.86 | - | 4.23 | 0.49 | T. | 5 | 23 | 4 | 4 | | W. V. Senter. |
| Pineville..... | Wyoming..... | | 2 | | | | | | | | 0.72 | - | 3.05 | 0.52 | 0 | 7 | 19 | 6 | 6 | | W. D. Holmes. |
| Point Pleasant..... | Mason..... | 553 | 21 | 68.9 | + 3.4 | 97 | 28 | 33 | 5 | 42 | | | | | | | | | | | |

TABLE 1.—Climatological data for May, 1911. District No. 3—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing direction of wind. | Observers. | | | |
|------------------------|-------------|------------------|-------------------------|-------------------------------------|----------------------------|-------|---------|----------|-------|---------------------------|-------|-----------------------|--------|----------------------------|-----------------------|--------------------------|--|-----------------------|-------------------|------------------------------|-------------|
| | | | | Mean. | Departure from the normal. | | | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeted. | Number of rainy days, 0.01 inch or more. | Number of clear days. | | | |
| | | | | | Highest. | Date. | Lowest. | | | | | | | | | | | | | | |
| Ohio—Continued. | | | | | | | | | | | | | | | | | | | | | |
| Canton. | Stark. | 1,089 | 26 | 67.4 | + 7.7 | 95 | 28 | 33 | 5 | 39 | 1.38 | - 2.61 | 0.71 | T. 0 | 9 | 21 | 3 | 7 | sw. | Carl H. Meyer. | |
| Cardington. | Morrow. | 1,010 | 16 | 64.6* | + 4.4 | 99 | 24 | 30 | 4 | 48 | 2.03 | - 1.23 | 0.83 | T. 0 | 9 | 21 | 3 | 7 | sw. | J. W. Shaw. | |
| Chillicothe. | Ross. | 630 | 8 | | | | | | | | | | | | | | | | | Marion Mackey. | |
| Cincinnati. | Hamilton. | 628 | 40 | 69.9 | + 4.8 | 95 | 27 | 36 | 2 | 31 | 1.54 | - 1.98 | 1.17 | T. 0 | 7 | 12 | 15 | 4 | w. | U. S. Weather Bureau. | |
| Circleville. | Pickaway. | 694 | 23 | 69.0 | + 5.8 | 98 | 26 | 34 | 3 | 41 | 1.00 | - 2.60 | 0.60 | T. 0 | 5 | 21 | 6 | 4 | ne. | Hon. S. W. Courtright. | |
| Clarington. | Monroe. | 600 | 8 | 68.6 | | 97 | 26 | 30 | 4 | 44 | 1.68 | | 1.00 | T. 0 | 6 | 18 | 3 | 3 | se. | Col. S. Tschappat. | |
| Columbus. | Franklin. | 918 | 33 | 68.6 | + 6.3 | 94 | 28 | 33 | 2 | 36 | 1.15 | - 2.57 | 0.32 | T. 0 | 9 | 23 | 7 | 1 | n. | U. S. Weather Bureau. | |
| Coshocton. | Coshocton. | 770 | 2 | | | | | | | | | | | | | | | | | Mrs. Ada Jeffries. | |
| Dayton. | Montgomery. | 790 | 30 | 67.6 | + 4.7 | 98 | 27 | 33 | 4 | 38 | 2.01 | - 1.82 | 0.70 | T. 0 | 9 | 17 | 12 | 2 | sw. | Mrs. Edith E. L. Boyer. | |
| Delaware. | Delaware. | 927 | 14 | 66.6 | + 6.0 | 97 | 27 | 30 | 3 | 42 | 2.74 | - 1.12 | 0.94 | T. 0 | 7 | 21 | 8 | 2 | sw. | Prof. L. L. Hudson. | |
| Demos. | Belmont. | 1,325 | 23 | 67.0* | + 5.8 | 97 | 28 | 31 | 3 | 41 | 0.98 | - 2.47 | 0.44 | T. 0 | 5 | 23 | 6 | 2 | s. | J. T. Dysart. | |
| Dennison. | Tuscarawas. | 846 | 1 | 66.5 | | 99 | 28 | 27 | 5 | 50 | 1.66 | | 0.93 | T. 0 | 5 | 22 | 8 | 1 | s. | Water Supply Co. | |
| Frankfort. | Ross. | 750 | 19 | 68.6 | + 5.8 | 98 | 28 | 31 | 4 | 44 | 1.27 | - 2.30 | 0.62 | T. 0 | 0 | 2 | 17 | 13 | 1 | sw. | O. A. Cory. |
| Garretttsville. | Portage. | 1,005 | 27 | 62.7 | + 5.8 | 95 | 28 | 25 | 5 | 43 | 3.04 | - 0.77 | 1.07 | T. 0 | 8 | 16 | 11 | 4 | w. | S. M. Luther. | |
| Granville. | Licking. | 960 | 29 | 66.6 | + 6.0 | 97 | 27 | 31 | 3 | 42 | 1.08 | - 2.52 | 0.35 | T. 0 | 20 | 2 | 9 | 2 | sw. | Dr. L. E. Davis. | |
| Gratiot. | do. | 1,000 | 22 | 64.9 | + 4.1 | 92 | 28 | 31 | 3 | 40 | 1.54 | - 2.02 | 0.88 | T. 0 | 5 | 12 | 15 | 4 | w. | W. B. Longstreth. | |
| Green. | Adams. | 500 | 18 | 67.7 | + 3.5 | 96 | 19 | 30 | 5 | 42 | 0.10 | - 3.67 | 0.10 | T. 0 | 1 | 21 | 9 | 1 | sw. | W. F. Kenyon. | |
| Green Hill. | Columbiana. | 1,135 | 17 | 62.0 | + 3.9 | 92 | 28 | 25 | 5 | 44 | 0.63 | - 2.58 | 0.32 | T. 0 | 4 | 21 | 9 | 1 | sw. | Jos. E. Bentley. | |
| Greenville. | Darke. | 1,080 | 25 | 68.4 | + 7.7 | 98 | 27 | 33 | 2 | 36 | 2.28 | - 1.64 | 1.17 | T. 0 | 8 | 17 | 11 | 3 | s. | Geo. A. Katzenberger. | |
| Hillsboro. | Highland. | 1,063 | 32 | 68.2 | + 6.0 | 96 | 26 | 34 | 4 | 40 | 1.68 | - 1.84 | 0.98 | T. 0 | 3 | 20 | 10 | 1 | sw. | Carey H. Roush. | |
| Ironton. | Lawrence. | 575 | 28 | 68.4* | + 5.0 | 96 | 26 | 32 | 5 | 40 | 0.87 | - 2.82 | 0.38 | T. 0 | 5 | 26 | 4 | 1 | sw. | James Bull. | |
| Jacksonburg. | Butler. | 975 | 42 | 68.0 | + 5.5 | 98 | 27 | 31 | 3 | 39 | 1.93 | - 1.71 | 1.25 | T. 0 | 6 | 19 | 9 | 3 | sw. | Dr. J. B. Owsley. | |
| Kenton. | Hardin. | 1,015 | 19 | 64.4 | + 4.2 | 96 | 27 | 29 | 3 | 42 | 2.04 | - 2.00 | 0.66 | T. 0 | 6 | 20 | 8 | 3 | w. | N. S. Martin. | |
| Killbuck. | Holmes. | 1,087 | 19 | 65.3 | + 4.8 | 94 | 28 | 30 | 3 | 42 | 2.50 | - 1.14 | 1.00 | T. 0 | 5 | 27 | 3 | 1 | sw. | Lloyd C. Schonauer. | |
| Lancaster. | Fairfield. | 898 | 16 | 68.1 | + 5.8 | 98 | 27 | 34 | 4 | 38 | 1.26 | - 3.05 | 0.39 | T. 0 | 0 | 12 | 17 | 2 | w. | R. L. Renshaw. | |
| McConnelsville. | Morgan. | 710 | 27 | 68.2 | + 4.2 | 94 | 26 | 32 | 5 | 40 | 1.55 | - 2.28 | 0.56 | T. 0 | 5 | 12 | 13 | 2 | sw. | C. H. Morris. | |
| Marietta. | Washington. | 627 | 91 | 64.1 | + 4.5 | 95 | 26 | 34 | 4 | 41 | 2.73 | - 1.14 | 0.83 | T. 0 | 7 | 16 | 13 | 2 | sw. | Prof. T. D. Biscoe. | |
| Marion. | Marion. | 980 | 33 | 67.8 | + 5.6 | 101 | 27 | 29 | 3 | 43 | 2.02 | - 1.61 | 0.63 | T. 0 | 5 | 14 | 15 | 2 | w. | Dr. E. H. Raffensperger. | |
| Milfordton. | Knox. | 1,200 | 18 | 64.8 | + 5.4 | 97 | 26 | 29 | 3 | 42 | 1.04 | - 2.87 | 0.36 | T. 0 | 5 | 25 | 5 | 1 | sw. | L. H. Burgess. | |
| Milligan. | Perry. | 875 | 18 | 65.0 | + 3.2 | 96 | 26 | 28 | 5 | 41 | 1.18 | - 2.21 | 0.58 | T. 0 | 4 | 17 | 13 | 1 | sw. | V. C. Eveland. | |
| Milport. | Columbiana. | 1,145 | 18 | 63.3 | + 3.8 | 94 | 28 | 25 | 5 | 44 | 0.68 | - 2.38 | 0.33 | T. 0 | 4 | 15 | 3 | 3 | sw. | G. F. Copeland. | |
| Neill. | Coshocton. | 850 | 11 | 63.5 | + 2.1 | 94 | 28 | 29 | 5 | 41 | 1.95 | - 1.64 | 0.45 | T. 0 | 6 | 19 | 11 | 1 | w. | Miss Ethel L. Gamertsfelder. | |
| New Alexandria. | Jefferson. | 1,050 | 26 | 68.6 | + 7.2 | 97 | 27 | 30 | 5 | 45 | 2.45 | - 1.19 | 1.75 | T. 0 | 2 | 26 | 2 | 3 | sw. | Mrs. Mary K. Pennell. | |
| New Berlin. | Stark. | 1,100 | 18 | 64.2 | + 4.5 | 95 | 28 | 26 | 3 | 47 | 3.01 | - 0.55 | 1.20 | T. 0 | 9 | 28 | 2 | 3 | sw. | Clayton Holl. | |
| New Waterford. | Columbiana. | 1,053 | 18 | 64.8 | + 3.8 | 97 | 28 | 26 | 5 | 45 | 0.96 | - 2.41 | 0.43 | T. 0 | 3 | 21 | 9 | 1 | sw. | Sam C. Scott. | |
| Ohio State University. | Franklin. | 757 | 28 | 64.4 | + 5.2 | 94 | 26 | 34 | 3 | 49 | 2.00 | - 2.74 | 0.46 | T. 0 | 5 | 13 | 11 | 7 | sw. | Prof. H. C. Lord. | |
| Patackala. | Licking. | 1,015 | 16 | 65.9 | + 4.6 | 95 | 26 | 32 | 3 | 40 | 1.37 | - 2.25 | 0.34 | T. 0 | 9 | 11 | 1 | 1 | sw. | J. N. Ridenour. | |
| Peebles. | Adams. | 645 | 1 | 65.4 | - | 96 | 27 | 27 | 5 | 50 | 0.89 | - | 0.54 | T. 0 | 6 | 15 | 13 | 3 | e. | Ora O. Smalley. | |
| Philo. | Muskingum. | 1,018 | 16 | 67.2 | + 4.4 | 98 | 28 | 33 | 3 | 41 | 1.25 | - 2.34 | 0.63 | T. 0 | 5 | 14 | 16 | 1 | sw. | L. C. Burckholter. | |
| Piqua. | Miami. | 847 | 1 | | | | | | | | | | | | | | | | Harry L. Roberts. | | |
| Plattsburg. | Clarke. | 1,130 | 18 | 68.6 | + 5.1 | 96 | 28 | 31 | 2 | 38 | 2.03 | - 1.42 | 0.83 | T. 0 | 7 | 15 | 12 | 3 | w. | F. E. Stewart. | |
| Portsmouth. | Scioto. | 527 | 80 | 68.6 | + 3.6 | 96 | 26 | 31 | 5 | 38 | 0.84 | - 2.69 | 0.31 | T. 0 | 5 | 21 | 5 | 5 | w. | Dr. H. A. Shirrmann. | |
| Prospect. | Marion. | 909 | 1 | | | | | | | | | | | | | | | | Neil J. Gast. | | |
| Rittman. | Wayne. | 990 | 19 | 64.3 | + 5.6 | 94 | 28 | 28 | 4 | 43 | 2.96 | - 0.74 | 0.84 | T. 0 | 7 | 25 | 4 | 2 | w. | J. B. Gish. | |
| Shenandoah. | Richland. | 1,100 | 19 | 64.6 | + 5.8 | 96 | 28 | 29 | 3 | 41 | 1.26 | - 2.74 | 0.46 | T. 0 | 6 | 21 | 1 | 1 | sw. | T. B. Arnett. | |
| Sidney. | Shelby. | 985 | 28 | 67.4 | + 5.7 | 99 | 28 | 33 | 3 | 38 | 1.67 | - 2.66 | 0.53 | T. 0 | 6 | 22 | 6 | 3 | sw. | Hamline B. Blake. | |
| Somerset. | Perry. | 1,080 | 12 | 68.8 | + 5.6 | 97 | 26 | 33 | 3 | 43 | 1.48 | - 2.39 | 0.47 | T. 0 | 5 | 22 | 6 | 3 | sw. | Miss M. W. C. Sheridan. | |
| Springfield. | Clarke. | 950 | 17 | | | | | | | | | | | | | | | | W. A. Webster. | | |
| Summerfield. | Noble. | 1,187 | 5 | 66.2 | - | 94 | 28 | 29 | 5 | 48 | 1.84 | - | 0.88 | T. 0 | 4 | 16 | 14 | 1 | s. | H. R. McClintock. | |
| Syracuse. | Meigs. | 583 | 1 | 69.0 | - | 98 | 26 | 32 | 3 | 42 | 2.11 | - | 0.62 | T. 0 | 0 | 20 | 10 | 1 | s. | E. G. Campbell. | |
| Thurman. | Gallia. | 696 | 18 | 68.6 | + 4.3 | 94 | 26 | 32 | 5 | 38 | 1.89 | - 0.96 | 0.76 | T. 0 | 0 | 13 | 12 | 6 | sw. | D. D. Thomas. | |
| Urbana. | Champaign. | 1,031 | 43 | 67.1 | + 5.8 | 101 | 27 | 30 | 3 | 43 | 2.57 | - 0.93 | 1.31 | T. 0 | 0 | 8 | 12 | 3 | sw. | Prof. J. H. Williams. | |
| Warren. | Trumbull. | 900 | 22 | 64.8 | + 6.2 | 98 | 28 | 30 | 6 | 41 | 2.16 | - 1.72 | 0.65 | T. 0 | 7 | 20 | 6 | 5 | sw. | M. D. McCorkle. | |
| Waverly. | Pike. | 590 | 28 | 68.8 | + 4.7 | 98 | 26 | 31 | 4 | 43 | 1.93 | - 1.87 | 0.63 | T. 0 | 0 | 5 | 23 | 4 | s. | Herman A. Lorbach. | |
| Waynesville. | Warren. | 700 | 26 | 67.2* | + 4.9 | 94* | 28 | 34 | 3 | 38 | 1.64 | - 2.38 | 0.84 | T. 0 | 0 | 20 | 8 | 3 | sw. | Charles Michener. | |
| Wooster. | Wayne. | 1,030 | 32 | 63.6 | + 5.0 | 92 | 23 | 28 | 5 | 44 | 2.48 | - 1.47 | 0.86 | T. 0 | 9 | 19 | 8 | 4 | w. | Experiment Station. | |
| Youngstown. | Mahoning. | 846 | 18 | | | | | | | | | | | | | | | | G. R. Patton. | | |
| Zanesville. | Muskingum. | 700 | 24 | | | | | | | | | | | | | | | | S. G. Sprague. | | |
| Virginia. | | | | | | | | | | | | | | | | | | | | | |
| Big Stone Gap. | Wise. | 1,540 | 20 | 66.2 | + 3.4 | 90 | 29 | 32 | 3 | 36 | 1.55 | - 2.60 | 0.80 | T. 0 | 4 | 23 | 5 | 3 | w. | John W. Fox, sr. | |
| Blacksburg. | Montgomery. | 2,170 | 20 | 63.2 | + 2.9 | 91 | 19 | 29 | 3 | 45 | 1.75 | - 2.23 | 0.85 | T. 0 | 7 | 16 | 9 | 6 | e. | Agricultural Experiment Sta. | |
| Burkes Garden. | Tazewell. | 3,250 | 16 | 58.4 | + 0.5 | 83 | 29 | 23 | 3 | 48 | 1.07 | - 3.81 | 0.66 | T. 0 | 3 | 21 | 4 | 6 | w. | C. H. Grever. | |
| Elk Knob. | Lee. | 3,243 | 8 | 65.1 | - | 99 | 19 | 32 | 3 | 29 | 0.98 | - | 0.38 | T. 0 | 6 | 17 | 12 | 2 | sw. | Henry Nicoll. | |
| Ivanhoe **. | Wythe. | 2,028 | 7 | 65.0 | - | 94 | 19 | 38 | 3 | 28 | 1.84 | - | 0.92 | T. 0 | 5 | 24 | | | | | |

TABLE 1.—Climatological data for May, 1911. District No. 3—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Observers. | | |
|-------------------|-------------|------------------|-------------------------|-------------------------------------|----------------------------|-------|---------|---------|-------|---------------------------|--------|----------------------------|----------------------------|-----------------------|-------------------------------|-----------------------------|--|--------|
| | | | | Mean. | Departure from the normal. | | | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | | | Greatest in 24 hours. | Total snowfall, unadjusted. | Number of rainy days, 0.01 inch or more. | Sky. |
| | | | | | Highest. | Date. | Lowest. | | | | | Total. | Departure from the normal. | Number of clear days. | Number of partly cloudy days. | Number of cloudy days. | | |
| <i>Alabama.</i> | | | | | | | | | | | | | | | | | | |
| Bridgeport. | Jackson. | 660 | 11 | | | | | | | | 2.90 | -2.01 | 1.16 | 0 | 6 | n. | R. L. Moore. | |
| Decatur. | Morgan. | 573 | 29 | 71.8 | +2.0 | 97 | 28† | 42 | 3† | 41 | 2.69 | -1.24 | 1.78 | 0 | 5 | 25 | 2 | 4 e. |
| Florence. | Lauderdale. | 563 | 27 | 74.2 | +5.3 | 95 | 28† | 46 | 3 | 33 | 4.31 | +0.38 | 3.17 | 0 | 4 | 23 | 1 | 7 e. |
| Guntersville. | Marshall. | 580 | 1 | 70.2 | | 94 | 26† | 41 | 3 | 44 | 3.27 | | 1.55 | 0 | 5 | 24 | 1 | 6 sw. |
| Madison. | Madison. | 573 | 17 | 71.3 | +1.8 | 98 | 27† | 41 | 3† | 38 | 1.10 | -3.03 | 0.80 | 0 | 4 | 25 | 6 | 0 nw. |
| Riverton. | Colbert. | 360 | 14 | 70.0 | +1.4 | 101 | 29 | 36 | 6 | 46 | 1.42 | -3.35 | 0.14 | 0 | 4 | 22 | 2 | 7 e. |
| Scottsboro. | Jackson. | 652 | 28 | 69.8 | +1.7 | 93 | 27† | 41 | 3† | 41 | 1.29 | -2.84 | 0.16 | 0 | 5 | 18 | 7 | 6 sw. |
| Tuscumbia. | Colbert. | 488 | 29 | 72.5 | +3.5 | 100 | 30 | 44 | 7 | 38 | 2.58 | -1.04 | 1.74 | 0 | 5 | 22 | 3 | 6 se. |
| <i>Tennessee.</i> | | | | | | | | | | | | | | | | | | |
| Ashwood. | Maury. | 725 | 32 | 69.3 | +1.7 | 96 | 28 | 36 | 3† | 42 | 2.86 | -1.10 | 0.87 | 0 | 6 | 19 | 7 | 5 s. |
| Benton. | Polk. | 880 | 26 | 70.2 | +3.2 | 94 | 17† | 37 | 7 | 46 | 3.63 | -0.55 | 1.32 | 0 | 6 | 20 | 10 | 1 s. |
| Birds Bridge. | Greene. | 5 | | | | | | | | | 1.06 | | 0.84 | 0 | 3 | 24 | 3 | 1 w. |
| Bluff City. | Sullivan. | 14 | | | | | | | | | 1.20 | | 0.54 | 0 | 4 | 22 | 2 | 7 |
| Byrdstown. | Pickett. | 1,026 | 18 | | | | | | | | 2.37 | -2.16 | 1.56 | 0 | 4 | 14 | 12 | 5 s. |
| Carthage. | Smith. | 500 | 27 | 71.8 | +4.8 | 98 | 29 | 39 | 6 | 43 | 1.86 | -1.91 | 1.10 | 0 | 3 | 19 | 2 | 10 se. |
| Cedar Hill. | Robertson. | 625 | 11 | 72.4 | +5.3 | 100 | 27† | 35 | 3 | 39 | 2.52 | -1.71 | 1.10 | 0 | 7 | 25 | 4 | 2 s. |
| Cellina. | Clay. | 494 | 8 | | | | | | | | 0.87 | | 0.53 | 0 | 3 | 21 | 1 | 9 s. |
| Center Point. | Chester. | 400 | 14 | | | | | | | | 0.78 | -3.35 | 0.50 | 0 | 2 | 27 | 0 | 4 s. |
| Charleston. | Bradley. | 709 | 14 | | | | | | | | 2.58 | -2.33 | 1.55 | 0 | 5 | 23 | 1 | 7 s. |
| Chattanooga. | Hamilton. | 808 | 33 | 71.4 | +2.8 | 95 | 27 | 43 | 3 | 32 | 1.81 | -1.81 | 0.93 | 0 | 6 | 20 | 6 | 5 ne. |
| Clarksville. | Montgomery. | 500 | 48 | 70.4 | +4.5 | 98 | 28 | 37 | 3 | 39 | 1.40 | -2.73 | 0.77 | 0 | 3 | 28 | 8 | 0 s. |
| Clinton. | Anderson. | 800 | 23 | | | | | | | | 1.20 | -2.49 | 0.03 | 0 | 5 | 28 | 0 | 3 ne. |
| Dandridge. | Jefferson. | 7 | | | | | | | | | 3.04 | | 1.60 | 0 | 3 | 27 | 1 | 3 w. |
| Decatur. | McEws. | 850 | 15 | 70.2 | +2.7 | 96 | 31 | 37 | 3 | 45 | 2.39 | -2.11 | 0.86 | 0 | 3 | 19 | 9 | 4 s. |
| Dickson. | Dickson. | 800 | 15 | 68.4 | +1.5 | 94 | 29† | 35 | 3 | 37 | 1.27 | -3.26 | 0.82 | 0 | 3 | 19 | 12 | 0 sw. |
| Dover. | Stewart. | 500 | 16 | 71.0 | +3.5 | 100 | 28 | 37 | 3 | 41 | 1.07 | | 0.45 | 0 | 3 | 18 | 9 | 4 s. |
| Dunlap. | Sequatchie. | 728 | 3 | 70.1 | | 97 | 28 | 37 | 6 | 49 | 2.48 | | 1.29 | 0 | 5 | 19 | 11 | 1 s. |
| Elizabethhton. | Carter. | 1,575 | 21 | | | | | | | | 1.22 | -2.96 | 0.80 | 0 | 3 | 27 | 1 | 3 e. |
| Erasmus. | Cumberland. | 1,850 | 14 | 64.8 | +2.2 | 93 | 27† | 33 | 6 | 46 | 1.34 | -3.23 | 0.41 | 0 | 6 | 20 | 11 | 0 se. |
| Florence. | Butherford. | 564 | 29 | 69.2 | +1.9 | 92 | 28† | 37 | 3 | 36 | 4.43 | +0.41 | 1.97 | 0 | 4 | 26 | 2 | 3 s. |
| Franklin. | Williamson. | 648 | 21 | 69.2 | +2.5 | 94 | 30† | 37 | 3 | 37 | 0.70 | -3.34 | 0.52 | 0 | 3 | 21 | 6 | 4 s. |
| Halls Hill. | Rutherford. | 841 | 9 | | | | | | | | 1.41 | | 0.75 | 0 | 3 | 25 | 1 | 5 s. |
| Harriman. | Roane. | 841 | 16 | 72.4 | +3.3 | 98 | 27† | 37 | 3 | 44 | 1.50 | -2.33 | 1.09 | 0 | 2 | 16 | 15 | 0 ne. |
| Hohenwald. | Lewis. | 983 | 25 | 68.8 | +2.6 | 96 | 30 | 35 | 3 | 41 | 2.34 | -1.89 | 0.99 | 0 | 5 | 19 | 11 | 1 sw. |
| Iron City. | Lawrence. | 600 | 14 | 68.8 | +1.7 | 94 | 18† | 37 | 3† | 42 | 2.40 | -2.01 | 0.95 | 0 | 5 | 8 | 23 | 0 nw. |
| Jefferson City. | Jefferson. | 1 | | | | | | | | | 0.98 | | 0.26 | 0 | 3 | | | |
| Johnson City. | Washington. | 1,620 | | 69.2 | +4.6 | 96 | 27 | 33 | 3 | 40 | 2.03 | -2.16 | 1.20 | 0 | 5 | 23 | 4 | 4 nw. |
| Johnsonville. | Humphreys. | 364 | 15 | 70.2 | +2.0 | 100 | 28† | 36 | 3 | 44 | 1.59 | -2.39 | 0.68 | 0 | 4 | 23 | 6 | 2 s. |
| Kingston. | Roane. | 20 | | | | | | | | | 1.28 | -2.66 | 0.93 | 0 | 4 | 24 | 0 | 7 n. |
| Knoxville. | Knox. | 977 | 49 | 70.4 | +3.9 | 93 | 27 | 39 | 3 | 31 | 1.28 | -2.49 | 0.61 | 0 | 7 | 13 | 17 | 1 ne. |
| Lebanon. | Wilson. | 522 | 2 | | | | | | | | 3.29 | | 2.26 | 0 | 5 | 21 | 5 | 5 n. |
| Lewisburg. | Marshall. | 727 | 16 | 70.2 | +2.8 | 98 | 28 | 35 | 3† | 43 | 2.96 | -0.84 | 1.95 | 0 | 6 | 23 | 6 | 2 s. |
| Livingston. | Overtown. | 1,000 | | 66.6 | | 95 | 28† | 33 | 7 | 46 | 0.99 | | 0.71 | 0 | 2 | 26 | 3 | 2 nw. |
| Loudon. | London. | 816 | 8 | | | | | | | | 1.42 | -2.80 | 0.86 | 0 | 3 | 20 | 8 | 3 w. |
| Lynnville. | Giles. | 770 | 23 | 69.3 | +2.7 | 93 | 28† | 39 | 3 | 37 | 2.50 | -1.93 | 1.05 | 0 | 4 | 19 | 12 | 0 s. |
| McGhee. | Monroe. | 7 | | | | | | | | | 0.83 | | 0.43 | 0 | 2 | 25 | 0 | 6 s. |
| McMinnville. | Warren. | 1,011 | 27 | 68.8 | +2.0 | 95 | 29 | 35 | 3 | 40 | 3.03 | -0.77 | 1.98 | 0 | 4 | 17 | 12 | 1 n. |
| Mayville. | Blount. | 1,050 | 15 | 69.8 | +2.4 | 94 | 27† | 35 | 3 | 34 | 0.91 | -3.04 | 0.55 | 0 | 3 | 23 | 8 | 0 e. |
| Mountain City. | Johnson. | 2,486 | 13 | 63.2 | +2.1 | 91 | 30 | 29 | 3 | 42 | 1.71 | -2.51 | 0.53 | 0 | 7 | 22 | 8 | 1 sw. |
| Nashville. | Davidson. | 654 | 40 | 71.4 | +2.6 | 96 | 28 | 40 | 3 | 33 | 1.67 | -1.83 | 1.55 | 0 | 5 | 19 | 8 | 4 s. |
| Newport. | Cooke. | 1,280 | 21 | 68.4 | +2.3 | 91 | 27 | 37 | 3 | 37 | 1.85 | -2.58 | 0.90 | 0 | 6 | 21 | 5 | 5 s. |
| New River. | Scott. | 1,215 | 4 | | | | | | | | 3.19 | | 1.01 | 0 | 4 | 27 | 1 | 3 sw. |
| New Palmetto. | Bedford. | 770 | 18 | 70.0 | +2.1 | 95 | 18† | 35 | 5 | 41 | 4.05 | +0.03 | 3.00 | 0 | 4 | 25 | 2 | 4 s. |
| Pinewood. | Hickman. | 4 | | 68.8 | | 99 | 23 | 32 | 4 | 50† | 5.04 | -0.87 | 0.37 | 0 | 4 | 20 | 9 | 2 s. |
| Pope. | Perry. | 400 | 14 | 70.7 | +2.5 | 101 | 18 | 34 | 6 | 46 | 1.74 | -2.26 | 1.26 | 0 | 3 | 18 | 11 | 2 n. |
| Rogersville. | Hawkins. | 1,150 | 26 | 63.0 | +3.3 | 94 | 27 | 32 | 3 | 40 | 1.04 | -2.66 | 0.62 | 0 | 6 | 23 | 7 | 1 e. |
| Rugby. | Morgan. | 1,410 | 23 | 67.2 | +4.0 | 95 | 27† | 30 | 3† | 42 | 1.42 | -1.54 | 0.82 | 0 | 7 | 18 | 9 | 4 se. |
| Savannah. | Hardin. | 443 | 27 | 69.2 | +0.5 | 96 | 28 | 35 | 5† | 38 | 1.40 | -2.96 | 0.70 | 0 | 3 | 20 | 8 | 3 w. |
| Sevierville. | Sovier. | 5 | | 67.8 | | 92 | 18† | 32 | 3 | 39 | 1.41 | -0.85 | 0.85 | 0 | 6 | 12 | 12 | 7 sw. |
| Sewanee. | Franklin. | 2,000 | 15 | 70.1 | +4.8 | 90 | 26† | 39 | 3 | 27 | 2.16 | -1.99 | 0.90 | 0 | 5 | 22 | 4 | 5 s. |
| Sparta. | White. | 920 | 8 | 69.0 | | 95 | 27† | 34 | 3 | 40 | 1.62 | | 0.90 | 0 | 3 | 15 | 13 | 4 w. |
| Springdale. | Calhorne. | 1,038 | 21 | 73.7 | | 97 | 15 | 30 | 4 | 49† | 1.25 | | 1.02 | 0 | 3 | 15 | 13 | 4 w. |
| Tazewell. | Henry. | 377 | 8 | 69.1 | | 98 | 28† | 34 | 3 | 41 | 1.34 | | 0.58 | 0 | 4 | 26 | 3 | 2 s. |
| Tullahoma. | Coffee. | 1,075 | 23 | 69.2 | +3.5 | 94 | 27 | 37 | 6 | 41 | 2.75 | -0.91 | 1.80 | 0 | 4 | 23 | 5 | 3 r. |
| Walling. | White. | 908 | 8 | | | | | | | | 2.35 | | 1.15 | 0 | 3 | 24 | 2 | 2 s. |
| Waynesboro. | Wayne. | 753 | 25 | 68.2 | +2.0 | 96 | 30 | 35 | 6† | 41 | 1.16 | -2.76 | 0.65 | 0 | 4 | 16 | 13 | 2 sw. |
| Wildersville. | Henderson. | 400 | 14 | 71.4 | +3.6 | 98 | 28† | 38 | 3 | 40 | 0.92 | -4.44 | 0.32 | 0 | 3 | 23 | 6 | 6 n. |
| Worsham. | Sumner. | 550 | 10 | | | | | | | | 3.79 | | 1.40 | 0 | 3 | 19 | 6 | 6 w. |
| Yukon. | Lincoln. | 860 | 14 | 70.6 | +1.8 | 92 | 18† | 39 | 3 | 32 | 3.18 | -0.91 | 1.70 | 0 | 3 | 20 | 8 | 3 se. |
| <i>Kentucky.</i> | | | | | | | | | | | | | | | | | | |
| Alpha. | Clinton. | 17 | 68.6 | +1.7 | 80 | 27† | 37 | 3 | 32 | 4.80 | +1.24 | 2.53 | 0 | 6 | 25 | 4 | 2 s. | |
| Anchorage. | Jefferson. | 700 | 16 | 67.2 | +3.1 | 97 | 28 | 31 | 3 | 37 | 3.84 | -0.13 | 1.34 | 0 | 5 | 24 | 2 | 4 sw. |
| Bardstown. | Nelson. | 637 | 14 | 71.2 | +4.5 | 102 | 28 | 33 | 3 | 41 | 3.33 | -0.09 | 2.25 | 0 | 6 | 27 | 2 | 7 se. |
| Beattyville. | Lee. | 650 | 7 | 67.4 | | 97 | 26 | 29 | 3 | 45 | 1.20 | | 0.78 | 0 | 5 | 18 | 6 | 7 sw. |
| Beaver Dam. | Ohio. | 441 | 8 | 70.2 | | 98 | 28 | 34 | 3 | 41 | 4.74 | | 3.05</ | | | | | |

TABLE 1.—Climatological data for May, 1911. District No. 3—Continued.

| Stations. | Counties. | Elevation, feet. | Length of record, years | Temperature, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | | | | | Sky. | Prevailing direction of wind. | Observers. | | |
|----------------------------|--------------|------------------|-------------------------|-------------------------------------|----------------------------|----------|-------|---------|-------|---------------------------|--------|----------------------------|-----------------------|-----------------------------|--|-----------------------|-------------------------------|------------|-----------------------|-----------------------|
| | | | | Mean. | Departure from the normal. | Highest. | Date. | Lowest. | Date. | Greatest daily range. | Total. | Departure from the normal. | Greatest in 24 hours. | Total snowfall, unmeasured. | Number of rainy days, 0.01 inch or more. | Number of clear days. | Number of partly cloudy days. | | | |
| Kentucky—Continued. | | | | | | | | | | | | | | | | | | | | |
| Loretto. | Marion. | 681 | 14 | 67.8 | + 1.9 | 96 | 27† | 31 | 3 | 42 | 1.34 | — 2.35 | 0.35 | 0 | 5 | 27 | 2 | sw. | Loretto Academy. | |
| Louisville. | Jefferson. | 525 | 39 | 71.8 | + 5.1 | 98 | 28 | 39 | 2 | 31 | 2.08 | — 1.56 | 0.80 | 0 | 6 | 15 | 14 | 2 | w. | U. S. Weather Bureau. |
| Marion. | Crittenden. | 16 | 70.8 | + 3.8 | 96 | 28 | 39 | 3 | 29 | 3.93 | — 0.27 | 1.43 | 0 | 6 | 20 | 7 | 4 | se. | B. C. Paris. | |
| Maysville. | Mason. | 524 | 14 | 69.6 | + 4.6 | 99 | 27† | 33 | 3† | 42 | 1.28 | — 2.58 | 0.75 | 0 | 6 | 23 | 3 | 5 | se. | Mrs. Mary D. Marsh. |
| Middlesboro. | Montgomery. | 1,128 | 16 | 69.0 | + 4.5 | 97 | 27† | 32 | 3 | 42 | 1.64 | — 2.59 | 0.82 | 0 | 6 | 21 | 10 | 0 | s. | B. H. Perkins. |
| Mount Sterling. | Owen. | 930 | 21 | 68.8 | + 5.9 | 98 | 27 | 34 | 3 | 42 | 1.42 | — 2.03 | 0.73 | 0 | 6 | 23 | 4 | 4 | se. | James O'Connell. |
| Owensboro. | Davies. | 479 | 15 | 69.8 | + 3.6 | 94 | 28 | 38 | 3 | 38 | 5.50 | + 1.61 | 2.26 | 0 | 6 | 6 | 6 | 6 | s. | Henry S. Berry. |
| Paducah. | McCracken. | 341 | 22 | 69.8 | + 4.4 | 94 | 29 | 35 | 2 | 33 | 2.35 | — 1.91 | 0.77 | 0 | 4 | 13 | 18 | 0 | s. | J. T. Walker. |
| Paintsville. | Johnson. | 0 | 70.2 | ..... | 96 | 26 | 31 | 3 | 42 | 0.68 | ..... | 0.37 | 0 | 2 | 184 | 7d | 24 | s. | S. A. Fowler. | |
| Pikeville. | Pike. | 3 | 71.2 | ..... | 97 | 28 | 35 | 3 | 36 | 1.95 | — 1.59 | 1.12 | 0 | 2 | 28 | 0 | 3 | s. | R. L. Atkinson. | |
| Richmond. | Madison. | 926 | 19 | 67.2 | + 5.7 | 97 | 28 | 35 | 3 | 36 | 1.95 | — 1.59 | 1.12 | 0 | 5 | 25 | 0 | 6 | sw. | I. M. Williams. |
| St. John. | Hardin. | 777 | 15 | 68.4 | + 4.0 | 96 | 28 | 33 | 3 | 38 | 2.07 | — 1.35 | 1.70 | 0 | 4 | 24 | 0 | 7 | sw. | J. W. Crooke. |
| Scott. | Kenton. | 13 | 69.0 | + 4.7 | 97 | 27 | 34 | 4 | 38 | 2.38 | — 1.96 | 1.32 | 0 | 6 | 14 | 1 | 1 | sw. | Bethlehem Academy. | |
| Shelby City. | Boyle. | 1,087 | 17 | 68.4 | + 3.7 | 99 | 27† | 29 | 3 | 44 | 0.86 | — 2.96 | 0.25 | 0 | 7 | 25 | 3 | 3 | sw. | E. B. Wilson. |
| Sheberville. | Shelby. | 759 | 22 | 71.8 | + 6.8 | 102 | 28 | 34 | 3 | 40 | 2.30 | — 1.71 | 0.99 | 0 | 5 | 24 | 3 | 4 | sw. | W. E. Grubbs. |
| Taylorsville. | Spencer. | 489 | 9 | 67.6 | ..... | 95 | 27† | 31 | 3 | 39 | 2.16 | ..... | 0.78 | 0 | 7 | 20 | 8 | 3 | w. | C. R. Burnett. |
| Williamsburg. | Whitley. | 939 | 15 | 68.0 | + 1.9 | 95 | 27† | 31 | 3 | 43 | 3.26 | — 0.61 | 1.32 | 0 | 5 | 24 | 1 | 6 | e. | E. D. Bourne. |
| Williamstown. | Grant. | 943 | 9 | 69.4 | ..... | 96 | 28 | 33 | 3 | 39 | 1.15 | ..... | 0.47 | 0 | 5 | 24 | 4 | 3 | sw. | Noble C. Jones. |
| Indiana. | | | | | | | | | | | | | | | | | | | Mrs. Sarah E. Carter. | |
| Anderson. | Madison. | 892 | 16 | 67.2 | + 5.2 | 96 | 27† | 32 | 2† | 39 | 2.00 | — 2.14 | 0.53 | 0 | 11 | 21 | 7 | 3 | sw. | W. H. Stanton. |
| Attica. | Fountain. | 522 | 1 | 68.2 | + 4.4 | 97 | 28 | 33 | 3† | 40 | 3.07 | + 0.65 | 1.20 | 0 | 8 | 22 | 6 | 3 | sw. | Robt. E. Ray. |
| Bloomington. | Monroe. | 744 | 16 | 68.2 | + 5.2 | 101 | 27 | 28 | 3 | 41 | 2.48 | — 1.31 | 0.94 | 0 | 8 | 14 | 15 | 2 | sw. | Earl E. Ramsey. |
| Bluffton. | Wells. | 835 | 10 | 66.2 | + 5.2 | 96 | 28 | 32 | 4 | 40 | 4.90 | + 0.29 | 2.47 | 0 | 9 | 23 | 6 | 2 | sw. | Tom R. Johnston. |
| Butlerville. | Jennings. | 767 | 26 | 68.2 | + 4.6 | 98 | 28 | 32 | 5 | 42 | 1.62 | — 2.45 | 0.45 | 0 | 9 | 20 | 0 | 4 | sw. | C. F. Hole. |
| Cambridge City. | Wayne. | 941 | 20 | 68.2 | + 6.0 | 98 | 27 | 30 | 5 | 42 | 2.02 | — 1.33 | 0.54 | 0 | 9 | 23 | 3 | 5 | sw. | Charles Lamberger. |
| Columbus. | Bartholomew. | 632 | 28 | 67.4 | + 5.0 | 97 | 27† | 31 | 4 | 42 | 2.02 | — 1.33 | 0.54 | 0 | 9 | 23 | 19 | 0 | sw. | John A. Perry. |
| Connersville. | Fayette. | 769 | 29 | 68.4 | + 6.9 | 102 | 27 | 30 | 5 | 44 | 0.50 | — 3.67 | 0.30 | 0 | 2 | 19 | 12 | 4 | sw. | H. T. Swindler. |
| Crawfordsville. | Montgomery. | 780 | 1 | 68.6 | ..... | 99 | 26† | 32 | 3† | 42 | 1.31 | ..... | 0.85 | 0 | 3 | 15 | 12 | 4 | sw. | P. H. Burns. |
| Delphi. | Carroll. | 668 | 26 | 68.0 | + 7.4 | 98 | 27 | 30 | 3† | 41 | 3.14 | — 1.49 | 1.04 | 0 | 8 | 20 | 17 | 0 | sw. | L. A. Higginbotham. |
| Eminence. | Morgan. | 782 | 5 | 65.6 | ..... | 94 | 27† | 30 | 5 | 36 | 1.83 | ..... | 0.73 | 0 | 4 | 24 | 6 | 1 | sw. | E. E. Keiso, M. D. |
| Evansville. | Vanderburg. | 386 | 13 | 71.8 | + 4.7 | 98 | 28 | 41 | 2 | 26 | 1.30 | — 2.13 | 0.41 | 0 | 10 | 14 | 17 | 2 | sw. | U. S. Weather Bureau. |
| Farmersburg. | Sullivan. | 13 | 67.6 | ..... | 94 | 27† | 34 | 3 | 42 | 1.08 | — 3.61 | 0.55 | 0 | 5 | 7 | 22 | 2 | s. | Maurice Yeager. | |
| Farmland. | Randolph. | 1,101 | 29 | 66.9 | + 6.1 | 94 | 27 | 34 | 3† | 32 | 1.69 | — 2.61 | 0.35 | 0 | 8 | 17 | 3 | 11 | w. | W. J. Daviss. |
| Greenfield. | Hancock. | 905 | 8 | 67.4 | ..... | 95 | 28 | 34 | 3† | 34 | 2.30 | ..... | 0.61 | 0 | 7 | 4 | 25 | 2 | sw. | Prof. W. C. Goble. |
| Greensburg. | Decatur. | 954 | 15 | 69.4 | ..... | 100 | 28 | 32 | 3 | 43 | 1.79 | ..... | 0.97 | 0 | 3 | ..... | ..... | ..... | sw. | Chas. H. Ewing. |
| Huntingburg. | Dubois. | 462 | 3 | 69.4 | ..... | 97 | 28 | 32 | 3 | 43 | 1.79 | ..... | 0.97 | 0 | 3 | ..... | ..... | ..... | sw. | H. Dufendach. |
| Huntington. | Huntington. | 741 | 18 | 67.2 | + 6.2 | 96 | 28 | 30 | 3 | 36 | 3.59 | — 0.41 | 1.13 | 0 | 7 | 15 | 12 | 4 | sw. | Chas. McGrew. |
| Indianapolis. | Marion. | 820 | 40 | 68.6 | + 5.3 | 96 | 28 | 35 | 1 | 29 | 0.91 | — 3.03 | 0.35 | 0 | 6 | 13 | 18 | 3 | s. | Section Center. |
| Jeffersonville. | Clark. | 455 | 29 | 70.0 | + 4.1 | 96 | 28 | 37 | 3 | 35 | 2.25 | — 1.71 | 0.80 | 0 | 7 | 20 | 8 | 3 | w. | John C. Loomis. |
| Judyville. | Warren. | 4 | 66.6* | ..... | 98* | 26 | 27 | 5 | 45 | 0.62 | ..... | 0.54 | 0 | 2 | 24 | 5 | 2 | s. | Dale R. Warrick. | |
| Kokomo. | Howard. | 840 | 19 | 66.0 | + 3.8 | 95 | 27 | 29 | 5 | 38 | 2.46 | — 1.53 | 1.03 | 0 | 8 | 16 | 12 | 3 | sw. | P. H. Robertson. |
| Lafayette. | Tippecanoe. | 617 | 32 | 67.5 | + 6.3 | 96 | 27† | 31 | 3 | 36 | 2.21 | — 2.20 | 0.88 | 0 | 7 | 24 | 3 | 4 | e. | Wm. J. Jones, Jr. |
| Logansport. | Cass. | 620 | 31 | 69.0 | + 6.3 | 101 | 27 | 29 | 5 | 44 | 2.85 | — 1.39 | 1.30 | 0 | 7 | 22 | 4 | 5 | e. | Chas. Massena. |
| Madison. | Jefferson. | 460 | 19 | 70.0 | + 4.5 | 102 | 28 | 35 | 3† | 42 | 2.30 | — 2.16 | 0.63 | 0 | 7 | 25 | 4 | 2 | s. | Dr. J. Cooperider. |
| Marengo. | Crawford. | 363 | 28 | 67.2 | + 2.8 | 95 | 28 | 31 | 3 | 41 | 3.52 | — 1.57 | 2.00 | 0 | 9 | 12 | 17 | 2 | s. | J. M. Johnson. |
| Marion. | Grant. | 814 | 25 | 67.4 | + 6.5 | 100 | 27 | 30 | 3 | 40 | 0.99 | — 2.93 | 0.30 | 0 | 7 | 17 | 8 | 6 | s. | James F. Hood. |
| Mauzy. | Rush. | 980 | 31 | 65.8 | + 4.8 | 98 | 28 | 31 | 5 | 38 | 2.39 | — 2.04 | 0.82 | 0 | 9 | 15 | 10 | 6 | s. | Elwood Kirkwood. |
| Monticello. | White. | 674 | 1 | 68.2 | ..... | 96 | 28 | 32 | 3 | 34 | 3.24 | ..... | 0.74 | 0 | 9 | 20 | 9 | 2 | s. | J. E. Loughry. |
| Moores Hill. | Dearborn. | 980 | 10 | 67.8 | ..... | 97 | 27 | 34 | 2 | 32 | 2.17 | ..... | 1.00 | 0 | 7 | 19 | 8 | 4 | w. | W. S. Bigney. |
| Mount Vernon. | Posey. | 410 | 25 | 69.7 | + 3.5 | 96 | 28 | 35 | 3 | 37 | 3.36 | — 0.37 | 2.52 | 0 | 6 | 21 | 5 | 5 | s. | Guy B. Green. |
| Paoli. | Orange. | 611 | 14 | 67.0 | + 2.3 | 96 | 28 | 30 | 3 | 41 | 3.65 | — 0.37 | 1.12 | 0 | 10 | 18 | 12 | 1 | sw. | James A. Gillum. |
| Princeton. | Gibson. | 481 | 29 | 69.8 | + 5.3 | 100 | 28 | 33 | 3 | 39 | 0.98 | — 2.65 | 0.51 | 0 | 5 | 22 | 7 | 2 | s. | Albert Mills. |
| Richmond. | Wayne. | 972 | 26 | 65.2 | + 4.5 | 98 | 27 | 31 | 5 | 44 | 2.12 | — 1.89 | 0.67 | 0 | 7 | 14 | 15 | 2 | s. | Walter Vossler. |
| Rochester. | Fulton. | 775 | 6 | 67.0 | ..... | 94 | 27 | 32 | 3 | 41 | 3.17 | ..... | 2.15 | 0 | 8 | 19 | 7a | 4 | sw. | G. P. Keith. |
| Rockville. | Parke. | 722 | 25 | 67.3 | + 5.3 | 93 | 27† | 34 | 3 | 32 | 0.85 | — 3.36 | 0.37 | 0 | 5 | 24 | 10 | 7 | s. | Dr. W. N. Wirt. |
| Rome. | Perry. | 370 | 8 | 70.6b | ..... | 103b | 28 | 35b | 3 | 42b | 1.52 | ..... | 0.62 | 0 | 8 | 23b | 3b | 3b | sw. | Adam Anspach. |
| Salem. | Jay. | 5 | 65.3b | ..... | 96b | 27 | 29b | 5 | 40b | 4.08 | — 1.49 | 0.59 | 0 | 6 | 10a | 7a | 13 | 2 | sw. | Chas. V. Skinner. |
| Washington. | Washington. | 717 | 18 | 67.2 | + 3.4 | 96 | 27† | 31 | 3 | 34 | 4.38 | — 0.63 | 1.85 | 0 | 8 | 17 | 12 | 2 | sw. | Emmet S. Allen. |
| Scottsburg. | Scott. | 570 | 17 | 71.6 | + 6.1 | 99 | 27 | 36 | 3 | 38 | 2.63 | — 1.28 | 1.30 | 0 | 6 | 16 | 13 | 2 | s. | Frank H. Park. |
| Seymour. | Jackson. | 610 | 24 | 69.1 | + 5.5 | 101 | 28 | 32 | 3† | 44 | 4.56 | — 0.39 | 1.43 | 0 | 9 | 15 | 0 | 0 | w. | J. Robt. Blair. |
| Shelbyville. | Shelby. | 768 | 7 | 69.5 | ..... | 98 | 28 | 32 | 4† | 40 | 2.46 | ..... | 0.63 | 0 | 11 | 16 | 15 | 0 | sw. | Edgar G. Hodson. |
| Shoals. | Martin. | 523 | 4 | 69.7 | ..... | 96 | 27† | 35 | 3† | 34 | 1.14 | — 3.04 | 0.41 | 0 | 7 | 9 | 22 | 0 | sw. | Oliver H. Greist. |
| Terre Haute. | Vigo. | 498 | 21 | 71.5 | + 6.7 | 98 | 28 | 38 | 3† | 32 | 0.46 | — 3.65 | 0.18 | 0 | 4 | 16 | 11 | 4 | sw. | Prof. R. G. Gillum. |
| Veedersburg. | Fountain. | 612 | 12 | 68.6 | + 6.1 | 99 | 27† | 39 | 5 | 43 | 1.08 | — 3.35 | 0.50 | 0 | 7 | 23 | 6 | 2 | | |

TABLE 2.—*Daily precipitation for May, 1911. District No. 3, Ohio Valley.*

TABLE 2.—*Daily precipitation for May, 1911. District No. 3—Continued.*

| Stations. | River basins. | Day of month. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|---------------|---------------|------|-----|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------|-----|------|-----|-----|------|-----|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total. | | | | | | | | | | | | | | |
| Ohio. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amesville. | Ohio. | .41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .63 | 1.10 | | | | | | | | | | | | |
| Bangorville. | Muskingum. | .44 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .55 | .18 | .33 | .29 | 2.77 | | | | | | | | | |
| Bellefontaine . | Great Miami. | .20 | .42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .57 | T. | .36 | 2.01 | | | | | | |
| Cadiz. | Ohio. | .35 | T. | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .56 | 1.28 | | | | | | | |
| Cambridge. | Muskingum. | .33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .81 | 1.76 | | | | | |
| Camp Dennison. | Ohio. | .45 | .02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .73 | 1.88 | | | |
| Canal Dover. | Muskingum. | .21 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .96 | | | | |
| Canton . | do. | .30 | .15 | .02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.38 | | | | |
| Cardington. | Scioto. | .24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cincinnati. | Ohio. | .13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Circleville . | Scioto. | .60 | T. | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .02 | 1.00 | | | |
| Clarington. | Ohio. | 1.00 | .01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .10 | 1.68 | | |
| Columbus. | Scioto. | .29 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .12 | .05 | .27 | 1.15 |
| Coshocton . | Muskingum. | .26 | .30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .08 | 1.36 | | |
| Dayton . | Great Miami. | .70 | .39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .18 | .04 | 2.01 | | |
| Delaware. | Scioto. | .40 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .29 | .41 | .53 | 2.74 | |
| Demos. | Ohio. | .44 | .01 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .01 | T. | .38 | 0.98 |
| Dennison. | Muskingum. | .28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .04 | .93 | 1.66 | |
| Frankfort. | Scioto. | .62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .35 | 1.27 | | |
| Garretttsville. | Mahoning. | 1.07 | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .06 | 3.04 | | | |
| Granville . | Muskingum. | .26 | .15 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .15 | 1.08 | | | |
| Gratiot. | do. | .28 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .03 | .88 | 1.54 | | |
| Green. | Ohio. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | T. | .10 | | |
| Green Hill. | Muskingum. | .08 | T. | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .32 | 0.63 | | |
| Greenville . | Great Miami. | .50 | .08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .17 | 2.28 | | |
| Hillsboro. | Scioto. | .32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .98 | 1.63 | | | |
| Ironon. | Ohio. | .11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .04 | .87 | | | |
| Jacksonburg. | Great Miami. | 1.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .27 | 1.04 | | | |
| Kenton. | Scioto. | .66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .41 | .40 | .27 | 2.04 | |
| Killbuck. | Muskingum. | .24 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .10 | .52 | 2.50 | | |
| Lancaster. | Ohio. | .35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .39 | 1.26 | | | |
| McConnellsville. | Muskingum. | .40 | T. | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .56 | 1.55 | | | |
| Marietta. | Ohio. | .83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .29 | .70 | 2.73 | | |
| Marion. | Scioto. | .52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .25 | .23 | 1.04 | | |
| Millfordton. | Muskingum. | .36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .58 | 1.18 | | |
| Millport. | Ohio. | .13 | T. | .02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .33 | 0.68 | | | |
| Nalle. | Muskingum. | .45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .35 | 1.95 | | | |
| New Alexandria. | Ohio. | 1.75 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .70 | 2.45 | | | |
| New Berlin. | Muskingum. | .58 | .05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .43 | 3.01 | | | |
| New Waterford. | Ohio. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .38 | 0.96 | | | |
| Ohio State Univ. | Scioto. | .40 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .34 | 1.00 | | | | |
| Pataskala. | Muskingum. | .34 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .27 | .06 | 2.37 | | | |
| Peebles . | Ohio. | .54 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .14 | 0.89 | | | |
| Philo (1). | Muskingum. | .04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .63 | 1.25 | | | |
| Piqua . | Great Miami. | .56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .08 | 0.99 | | | |
| Plattsburg. | do. | .57 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .10 | .22 | 2.03 | | |
| Portsmouth . | Ohio. | .31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .26 | .27 | | | |
| Prospect . | Scioto. | .02 | .145 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .14 | .46 | 2.96 | | |
| Rittman. | Muskingum. | .34 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .25 | .26 | 2.96 | | |
| Shenandoah. | do. | .45 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .12 | .40 | 1.67 | | |
| Sidney. | Great Miami. | .53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .47 | 1.48 | | | |
| Somerset . | Great Miami. | .43 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .05 | T. | .27 | 1.80 | | |
| Springfield. | Great Miami. | .71 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .88 | 1.85 | | | |
| Summerfield. | Ohio. | .53 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .55 | 2.11 | | | |
| Syracuse. | do. | .58 | T. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | .21 | .49 | 2.57 | | |
| Thurman. | do. | .40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE 2.—*Daily precipitation for May, 1911. District No. 3—Continued.*

TABLE 2.—*Daily precipitation for May, 1911. District No. 3—Continued.*

* Precipitation included in that of the next measurement.

[†] Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.
Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures for May, 1911. District No. 8, Ohio Valley.

| Date. | Pennsylvania. | | | | West Virginia. | | | | | | | | Ohio. | | | | | | | | Canton. | | Cincinnati. | | Columbus. | | Dayton. | |
|--------|---------------|------|------------|------|----------------|------|----------|------|---------|------|------------|------|-------------|------|---------|------|----------|------|--------|------|---------|------|-------------|------|-----------|------|---------|------|
| | Greenville. | | Pittsburg. | | Charleston. | | Elkhorn. | | Elkins. | | Glenville. | | Huntington. | | Morgan- | | Parkers- | | Wheel- | | Canton. | | Cincinnati. | | Columbus. | | Dayton. | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. |
| 1.... | 72 | 59 | 74 | 49 | 80 | 62 | 78 | 54 | 78 | 54 | 81 | 61 | 80 | 62 | 77 | 59 | 77 | 51 | 76 | 61 | 73 | 60 | 72 | 42 | 71 | 37 | 72 | 61 |
| 2.... | 60 | 33 | 49 | 36 | 65 | 40 | 75 | 39 | 54 | 34 | 72 | 40 | 48 | 43 | 66 | 37 | 51 | 37 | 42 | 39 | 42 | 35 | 51 | 36 | 45 | 23 | 48 | 35 |
| 3.... | 51 | 28 | 49 | 34 | 60 | 34 | 59 | 35 | 51 | 30 | 59 | 29 | 63 | 37 | 53 | 33 | 57 | 38 | 59 | 36 | 54 | 34 | 56 | 35 | 56 | 34 | 56 | 34 |
| 4.... | 57 | 28 | 55 | 41 | 63 | 40 | 63 | 42 | 56 | 29 | 61 | 31 | 63 | 38 | 57 | 34 | 59 | 35 | 65 | 33 | 60 | 38 | 61 | 39 | 59 | 40 | 58 | 32 |
| 5.... | 62 | 23 | 59 | 35 | 65 | 38 | 64 | 35 | 58 | 28 | 66 | 20 | 66 | 36 | 60 | 32 | 61 | 37 | 70 | 33 | 66 | 33 | 64 | 42 | 62 | 42 | 65 | 33 |
| 6.... | 68 | 27 | 68 | 38 | 70 | 38 | 67 | 33 | 67 | 28 | 73 | 31 | 71 | 37 | 64 | 35 | 68 | 39 | 75 | 35 | 74 | 35 | 68 | 44 | 68 | 44 | 70 | 35 |
| 7.... | 75 | 30 | 74 | 42 | 75 | 42 | 69 | 35 | 70 | 32 | 78 | 34 | 75 | 40 | 69 | 38 | 74 | 42 | 78 | 37 | 79 | 39 | 74 | 47 | 73 | 49 | 76 | 35 |
| 8.... | 79 | 34 | 78 | 47 | 77 | 48 | 70 | 37 | 70 | 42 | 79 | 41 | 78 | 47 | 71 | 46 | 78 | 49 | 84 | 40 | 80 | 43 | 78 | 50 | 76 | 53 | 79 | 42 |
| 9.... | 79 | 40 | 74 | 50 | 78 | 49 | 73 | 35 | 64 | 43 | 77 | 41 | 76 | 47 | 69 | 48 | 74 | 50 | 78 | 45 | 79 | 51 | 82 | 50 | 77 | 60 | 79 | 57 |
| 10.... | 82 | 43 | 80 | 58 | 88 | 53 | 85 | 48 | 83 | 48 | 89 | 52 | 88 | 53 | 83 | 56 | 84 | 52 | 86 | 56 | 85 | 63 | 84 | 61 | 85 | 63 | 88 | 58 |
| 11.... | 87 | 50 | 87 | 66 | 91 | 57 | 88 | 53 | 88 | 50 | 94 | 50 | 89 | 55 | 86 | 62 | 90 | 59 | 92 | 54 | 87 | 60 | 86 | 66 | 85 | 63 | 85 | 61 |
| 12.... | 70 | 56 | 77 | 64 | 90 | 57 | 88 | 53 | 83 | 50 | 93 | 52 | 84 | 55 | 86 | 65 | 83 | 58 | 84 | 56 | 78 | 60 | 79 | 62 | 77 | 61 | 80 | 60 |
| 13.... | 67 | 39 | 68 | 49 | 85 | 57 | 81 | 55 | 77 | 50 | 83 | 52 | 79 | 57 | 83 | 43 | 72 | 57 | 79 | 42 | 71 | 44 | 76 | 57 | 69 | 48 | 76 | 42 |
| 14.... | 79 | 34 | 81 | 46 | 87 | 50 | 83 | 47 | 81 | 43 | 89 | 43 | 84 | 48 | 85 | 61 | 88 | 49 | 86 | 40 | 80 | 41 | 80 | 49 | 79 | 42 | 88 | 42 |
| 15.... | 87 | 44 | 85 | 61 | 89 | 56 | 84 | 40 | 84 | 51 | 93 | 50 | 88 | 56 | 85 | 63 | 89 | 59 | 93 | 41 | 88 | 53 | 87 | 59 | 87 | 60 | 88 | 50 |
| 16.... | 85 | 60 | 86 | 62 | 90 | 53 | 87 | 50 | 84 | 52 | 93 | 53 | 89 | 58 | 87 | 74 | 89 | 62 | 97 | 56 | 88 | 68 | 82 | 68 | 88 | 63 | 90 | 54 |
| 17.... | 83 | 50 | 86 | 66 | 90 | 62 | 88 | 53 | 86 | 54 | 95 | 56 | 88 | 60 | 87 | 73 | 90 | 65 | 92 | 56 | 89 | 64 | 88 | 67 | 90 | 58 | 88 | 58 |
| 18.... | 88 | 60 | 87 | 69 | 91 | 65 | 89 | 52 | 89 | 54 | 96 | 56 | 92 | 63 | 89 | 60 | 93 | 65 | 98 | 59 | 92 | 65 | 91 | 65 | 90 | 68 | 91 | 61 |
| 19.... | 94 | 59 | 92 | 69 | 94 | 66 | 91 | 60 | 87 | 55 | 96 | 57 | 93 | 64 | 93 | 75 | 94 | 68 | 98 | 62 | 92 | 69 | 92 | 71 | 97 | 70 | 91 | 64 |
| 20.... | 92 | 58 | 92 | 72 | 94 | 64 | 89 | 59 | 90 | 54 | 99 | 57 | 91 | 65 | 92 | 68 | 94 | 71 | 99 | 62 | 91 | 66 | 85 | 70 | 88 | 68 | 98 | 68 |
| 21.... | 91 | 59 | 92 | 71 | 92 | 65 | 89 | 56 | 92 | 56 | 98 | 60 | 89 | 64 | 91 | 72 | 91 | 66 | 97 | 63 | 90 | 66 | 86 | 67 | 87 | 65 | 85 | 65 |
| 22.... | 93 | 60 | 93 | 72 | 92 | 63 | 88 | 57 | 90 | 57 | 97 | 57 | 90 | 64 | 90 | 66 | 93 | 65 | 98 | 63 | 91 | 67 | 81 | 68 | 80 | 67 | 86 | 62 |
| 23.... | 83 | 60 | 80 | 68 | 85 | 57 | 84 | 55 | 87 | 58 | 97 | 60 | 82 | 67 | 83 | 67 | 85 | 63 | 92 | 64 | 86 | 67 | 83 | 66 | 84 | 65 | 86 | 65 |
| 24.... | 77 | 54 | 78 | 66 | 84 | 55 | 82 | 55 | 79 | 56 | 86 | 60 | 85 | 62 | 79 | 62 | 81 | 65 | 86 | 58 | 81 | 58 | 84 | 62 | 80 | 61 | 83 | 53 |
| 25.... | 81 | 49 | 80 | 58 | 88 | 60 | 84 | 49 | 81 | 47 | 89 | 59 | 89 | 55 | 81 | 54 | 88 | 59 | 90 | 53 | 85 | 55 | 92 | 61 | 91 | 61 | 95 | 56 |
| Mns.. | 79.9 | 47.1 | 78.7 | 57.2 | 84.3 | 55.9 | 81.4 | 49.4 | 78.2 | 47.9 | 86.4 | 50.0 | 82.8 | 55.2 | 79.9 | 56.4 | 81.5 | 56.7 | 85.4 | 51.3 | 80.5 | 54.2 | 81.0 | 58.8 | 79.7 | 57.4 | 81.5 | 53.8 |

| Date. | Ohio. | | | | Virginia. | | | | | | | | Tennessee. | | | | | | | | | | | | Beatty-ville, Ky. | | |
|--------|---------|------|----------|------|----------------|------|-------------|------|------------------|------|---------------|------|--------------|------|---------------|------|------------|------|------------|------|-----------|------|---------|------|-------------------|----|----|
| | Marion. | | Waverly. | | Big Stone Gap. | | Wytheville. | | Asheville, N. C. | | Decatur, Ala. | | Chatta-noga. | | Johnson City. | | Knoxville. | | Nashville. | | Palmetto. | | Sparta. | | Waynes-boro. | | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | | |
| 1.... | 70 | 47 | 78 | 61 | 77 | 48 | 75 | 52 | 69 | 61 | 80 | 67 | 80 | 56 | 79 | 55 | 79 | 57 | 74 | 56 | 80 | 64 | 75 | 56 | 81 | 56 | |
| 2.... | 48 | 32 | 47 | 38 | 68 | 46 | 80 | 39 | 62 | 42 | 62 | 48 | 62 | 48 | 60 | 50 | 57 | 45 | 58 | 45 | 60 | 46 | 62 | 49 | 60 | 40 | |
| 3.... | 54 | 29 | 62 | 63 | 62 | 32 | 69 | 59 | 30 | 62 | 36 | 69 | 42 | 68 | 43 | 66 | 33 | 64 | 39 | 65 | 40 | 67 | 36 | 67 | 36 | 66 | 29 |
| 4.... | 60 | 34 | 64 | 31 | 65 | 48 | 62 | 62 | 44 | 63 | 43 | 46 | 70 | 51 | 65 | 37 | 67 | 40 | 68 | 42 | 69 | 45 | 68 | 37 | 69 | 32 | |
| 5.... | 65 | 32 | 68 | 32 | 69 | 35 | 60 | 35 | 59 | 45 | 71 | 44 | 68 | 52 | 67 | 41 | 66 | 47 | 69 | 49 | 60 | 53 | 69 | 60 | 69 | 53 | |
| 6.... | 72 | 36 | 71 | 34 | 69 | 36 | 65 | 34 | 66 | 37 | 76 | 42 | 72 | 46 | 72 | 39 | 71 | 45 | 73 | 44 | 75 | 36 | 74 | 38 | 75 | 35 | |
| 7.... | 78 | 38 | 70 | 37 | 73 | 37 | 69 | 34 | 68 | 39 | 78 | 44 | 78 | 46 | 74 | 41 | 76 | 45 | 78 | 47 | 79 | 39 | 78 | 38 | 75 | 35 | |
| 8.... | 80 | 42 | 88 | 41 | 76 | 46 | 62 | 43 | 68 | 44 | 83 | 44 | 79 | 49 | 76 | 46 | 77 | 49 | 80 | 49 | 82 | 41 | 79 | 37 | 80 | 37 | |
| 9.... | 81 | 56 | 85 | 48 | 75 | 42 | 67 | 48 | 69 | 50 | 87 | 46 | 83 | 51 | 73 | 48 | 79 | 50 | 86 | 53 | 87 | 45 | 79 | 38 | 82 | 41 | |
| 10.... | 88 | 58 | 91 | 53 | 84 | 50 | 79 | 48 | 84 | 50 | 89 | 53 | 87 | 63 | 89 | 49 | 87 | 56 | 88 | 64 | 86 | 58 | 91 | 45 | 88 | 49 | |
| 11.... | 85 | 60 | 92 | 52 | 83 | 51 | 83 | 50 | 87 | 54 | 89 | 55 | 89 | 62 | 90 | 54 | 88 | 61 | 86 | 65 | 86 | 58 | 92 | 45 | 89 | 47 | |
| 12.... | 81 | 60 | 82 | 57 | 84 | 52 | 82 | 53 | 85 | 52 | 89 | 50 | 86 | 62 | 88 | 54 | 88 | 62 | 85 | 61 | 87 | 57 | 90 | 50 | 89 | 47 | |
| 13.... | 72 | 42 | 82 | 50 | 78 | 56 | 51 | 83 | 55 | 89 | 58 | 82 | 60 | 83 | 55 | 74 | 61 | 85 | 63 | 88 | 66 | 86 | 58 | 86 | 55 | 82 | |
| 14.... | 81 | 38 | 87 | 45 | 82 | 49 | 75 | 48 | 75 | 52 | 88 | 57 | 84 | 59 | 83 | 64 | 56 | 86 | 58 | 88 | 67 | 87 | 65 | 85 | 55 | 88 | 43 |
| 15.... | 89 | 62 | 94 | 51 | 81 | 54 | 79 | 49 | 76 | 55 | 91 | 55 | 85 | 63 | 90 | 54 | 84 | 62 | 87 | 60 | 89 | 58 | 90 | 50 | | | |

TABLE 3.—*Maximum and minimum temperatures for May, 1911. District No. 3—Continued.*

| Date. | Kentucky. | | | | | | | | | | | | | | Indiana. | | | | | | | | | | | | Philo, Ill. | |
|--------|---------------------------------|------|---------------------------|------|--------------------------------|-------|------------|------|-------------|------|--------------------------|------|----------------------------------|------|-------------------|------|------------------|------|--------------------|------|---------|------|------------|------|-------------------|------|-------------|------|
| | Bowling Green. ^{ss} | | Earlington. ^{ss} | | Greens- burg. ^{ss} | | Lexington. | | Louisville. | | Maysville. ^{ss} | | Williams- burg. ^{ss} | | Butler- ville. | | Evans- ville. | | Indianap- olis. | | Kokomo. | | Rockville. | | Worthing- ton. | | | |
| | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | Min. | | |
| 1.... | 69 | 60 | 67 | 62 | 72 | 59 | 72 | 47 | 70 | 46 | 78 | 62 | 82 | 58 | 70 | 48 | 64 | 45 | 63 | 35 | 69 | 40 | 67 | 43 | 68 | 47 | 65 | 39 |
| 2.... | 58 | 42 | 58 | 41 | 56 | 39 | 47 | 36 | 53 | 39 | 53 | 39 | 54 | 44 | 54 | 36 | 55 | 41 | 51 | 35 | 49 | 31 | 52 | 37 | 55 | 38 | 55 | 34 |
| 3.... | 66 | 35 | 64 | 34 | 66 | 32 | 57 | 36 | 61 | 41 | 62 | 33 | 67 | 31 | 58 | 33 | 53 | 42 | 54 | 37 | 55 | 30 | 50 | 34 | 59 | 32 | 57 | 31 |
| 4.... | 68 | 40 | 67 | 38 | 65 | 34 | 59 | 42 | 64 | 43 | 65 | 33 | 67 | 42 | 63 | 32 | 64 | 43 | 61 | 41 | 62 | 34 | 55 | 38 | 64 | 33 | 64 | 34 |
| 5.... | 72 | 39 | 72 | 36 | 67 | 33 | 61 | 41 | 66 | 44 | 69 | 34 | 67 | 35 | 65 | 34 | 65 | 45 | 64 | 40 | 64 | 29 | 58 | 36 | 67 | 33 | 66 | 33 |
| 6.... | 78 | 38 | 76 | 36 | 73 | 33 | 66 | 44 | 70 | 47 | 75 | 35 | 76 | 33 | 68 | 40 | 71 | 48 | 69 | 48 | 71 | 33 | 61 | 42 | 73 | 37 | 71 | 36 |
| 7.... | 81 | 42 | 82 | 39 | 76 | 35 | 72 | 49 | 76 | 49 | 79 | 37 | 72 | 40 | 77 | 40 | 76 | 50 | 75 | 50 | 72 | 42 | 65 | 42 | 82 | 37 | 77 | 39 |
| 8.... | 82 | 43 | 89 | 42 | 80 | 37 | 75 | 53 | 81 | 50 | 82 | 42 | 78 | 36 | 82 | 42 | 80 | 54 | 79 | 52 | 80 | 45 | 71 | 49 | 85 | 58 | 81 | 42 |
| 9.... | 88 | 48 | 89 | 49 | 85 | 38 | 79 | 53 | 84 | 60 | 85 | 45 | 80 | 43 | 86 | 55 | 88 | 62 | 84 | 58 | 80 | 55 | 84 | 59 | 87 | 59 | 84 | 58 |
| 10.... | 88 | 56 | 88 | 57 | 88 | 50 | 84 | 63 | 87 | 66 | 90 | 54 | 91 | 55 | 86 | 61 | 82 | 63 | 83 | 63 | 84 | 62 | 82 | 60 | 83 | 60 | 85 | 57 |
| 11.... | 90 | 57 | 89 | 65 | 89 | 51 | 86 | 62 | 87 | 66 | 92 | 55 | 91 | 51 | 83 | 60 | 82 | 66 | 80 | 63 | 80 | 64 | 78 | 62 | 81 | 59 | 78 | 61 |
| 12.... | 90 | 57 | 86 | 61 | 86 | 50 | 79 | 59 | 82 | 65 | 84 | 55 | 87 | 50 | 82 | 59 | 83 | 64 | 81 | 59 | 81 | 51 | 80 | 55 | 81 | 55 | 81 | 45 |
| 13.... | 86 | 60 | 89 | 60 | 83 | 54 | 78 | 56 | 82 | 60 | 85 | 52 | 83 | 55 | 79 | 55 | 85 | 64 | 77 | 53 | 75 | 45 | 78 | 53 | 82 | 57 | 80 | 57 |
| 14.... | 89 | 52 | 89 | 50 | 87 | 45 | 82 | 50 | 83 | 54 | 83 | 43 | 88 | 49 | 80 | 48 | 83 | 59 | 78 | 50 | 81 | 54 | 81 | 52 | 84 | 51 | 82 | 52 |
| 15.... | 91 | 55 | 93 | 53 | 90 | 50 | 87 | 63 | 90 | 59 | 94 | 57 | 88 | 43 | 88 | 58 | 88 | 59 | 87 | 58 | 87 | 50 | 87 | 55 | 89 | 51 | 89 | 52 |
| 16.... | 93 | 56 | 93 | 60 | 89 | 54 | 88 | 64 | 88 | 63 | 93 | 55 | 90 | 51 | 89 | 58 | 88 | 67 | 85 | 65 | 88 | 56 | 85 | 63 | 87 | 59 | 88 | 56 |
| 17.... | 94 | 62 | 94 | 60 | 93 | 58 | 88 | 66 | 91 | 66 | 94 | 57 | 92 | 50 | 89 | 60 | 90 | 69 | 87 | 67 | 90 | 63 | 88 | 65 | 89 | 62 | 90 | 61 |
| 18.... | 96 | 63 | 97 | 63 | 94 | 59 | 90 | 69 | 93 | 68 | 97 | 59 | 98 | 58 | 92 | 62 | 90 | 71 | 89 | 69 | 92 | 65 | 89 | 66 | 91 | 64 | 90 | 63 |
| 19.... | 90 | 64 | 92 | 69 | 92 | 63 | 89 | 69 | 92 | 72 | 97 | 63 | 93 | 62 | 91 | 69 | 88 | 73 | 89 | 70 | 89 | 66 | 87 | 68 | 89 | 68 | 90 | 69 |
| 20.... | 87 | 68 | 78 | 70 | 84 | ..... | 86 | 67 | 83 | 70 | 94 | 61 | 88 | 62 | 84 | 64 | 88 | 68 | 84 | 66 | 84 | 68 | 82 | 68 | 81 | 68 | 87 | 67 |
| 21.... | 87 | 62 | 86 | 64 | 84 | 62 | 82 | 65 | 87 | 68 | 93 | 61 | 85 | 60 | 84 | 67 | 81 | 66 | 82 | 64 | 82 | 63 | 82 | 65 | 82 | 62 | 84 | 64 |
| 22.... | 78 | 62 | 84 | 66 | 70 | 62 | 80 | 66 | 74 | 67 | 92 | 63 | 88 | 54 | 76 | 64 | 77 | 68 | 70 | 62 | 72 | 62 | 75 | 65 | 76 | 66 | 76 | 62 |
| 23.... | 88 | 60 | 88 | 60 | 85 | 58 | 82 | 64 | 85 | 66 | 84 | 64 | 85 | 62 | 82 | 62 | 83 | 64 | 79 | 61 | 70 | 60 | 77 | 62 | 81 | 63 | 76 | 58 |
| 24.... | 90 | 58 | 96 | 56 | 86 | 55 | 81 | 64 | 86 | 64 | 86 | 57 | 88 | 55 | 84 | 51 | 90 | 63 | 81 | 58 | 74 | 51 | 82 | 55 | 84 | 53 | 86 | 50 |
| 25.... | 95 | 60 | 98 | 62 | 85 | 56 | 89 | 63 | 94 | 65 | 95 | 55 | 91 | 56 | 92 | 62 | 94 | 69 | 92 | 65 | 91 | 62 | 92 | 64 | 93 | 62 | 95 | 58 |
| 26.... | 97 | 62 | 101 | 59 | 93 | 53 | 93 | 69 | 96 | 72 | 98 | 59 | 94 | 53 | 95 | 60 | 96 | 72 | 94 | 71 | 92 | 61 | 93 | 67 | 94 | 60 | 96 | 60 |
| 27.... | 98 | 64 | 101 | 61 | 94 | 59 | 93 | 71 | 96 | 69 | 99 | 60 | 95 | 58 | 97 | 60 | 96 | 71 | 94 | 71 | 95 | 62 | 93 | 67 | 95 | 62 | 95 | 62 |
| 28.... | 100 | 64 | 105 | 62 | 95 | 59 | 93 | 69 | 98 | 70 | 97 | 60 | 95 | 58 | 98 | 63 | 98 | 73 | 96 | 68 | 93 | 63 | 93 | 65 | 96 | 64 | 96 | 63 |
| 29.... | 98 | 62 | 99 | 64 | 94 | 57 | 91 | 68 | 95 | 68 | 90 | 60 | 94 | 56 | 93 | 60 | 91 | 69 | 89 | 67 | 89 | 63 | 87 | 65 | 88 | 63 | 86 | 60 |
| 30.... | 97 | 64 | 99 | 64 | 94 | 60 | 90 | 66 | 92 | 70 | 93 | 64 | 94 | 59 | 86 | 64 | 93 | 69 | 81 | 62 | 79 | 59 | 83 | 66 | 86 | 68 | 83 | 62 |
| 31.... | 89 | 62 | 89 | 63 | 87 | 64 | 86 | 66 | 86 | 69 | 90 | 65 | 91 | 63 | 83 | 61 | 85 | 68 | 85 | 60 | 79 | 62 | 86 | 68 | 86 | 63 | 86 | 63 |
| Mns. | 86.2 | 55.4 | 87.0 | 55.7 | 83.2 | 50.8 | 80.1 | 58.9 | 83.0 | 60.5 | 86.2 | 52.9 | 84.5 | 51.4 | 81.7 | 54.6 | 82.0 | 61.5 | 79.5 | 57.7 | 79.0 | 53.0 | 78.1 | 66.5 | 81.7 | 55.5 | 81.4 | 52.8 |

^a, ^b, ^c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.^g Data are from standard instruments not supplied by the United States Weather Bureau.^{ss} Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.